

IN THE CLAIMS:

1. (CANCELLED)
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11. (CANCELLED)

12. (CURRENTLY AMENDED) A process for producing a non-toxic aromatic oil having

- (a) less than one mutogenicity index by Modified Ames Test,
 - (b) minimum of 10% ~~penta-chlorophenol~~ pentachlorophenol solubility,
- and

(c) a density between 0.89 – 0.94 g/cc at 60 °F,

comprising the steps of:

- (i) pre-blending no more than 80% by weight ~~an~~ a heavy extract from a lube plant in a light distillate; and
- (ii) hydrotreating such a pre-blend in a standard hydrotreator wherein, a hydrotreating catalyst is selected from the group consisting of Nickel-Molybdenum and Nickel-Cobalt, and said

hydrotreating process is performed at a pressure in the range of 500 - 1500 psi and at a temperature in the range of 500 - 750 °F.